

Pop-Task Final Document

Paul Wei, Yuanqin Fan, Chia-Ying Lin

<https://poptask.fun>

Feedback Form: <https://forms.gle/CsvCmMV4KRAmJLQu7>

➤ Note

1. If you have time, please provide some feedback with the form above.
Scheduling a call with us is also acceptable. Any feedback is welcome!
2. User email should be unique! If you log in with Google account, the email can't be used to register a new account
3. Group name should be unique.
4. You can open different incognito web pages for different accounts. Or you can use our accounts if you want to add others to the group.
test1@pop.com
test2@pop.com
5. It will take some time to load tasks in Task Calendar View, please be patient and wait for about 5 seconds(Yes we know it can be improved).

➤ Project introduction

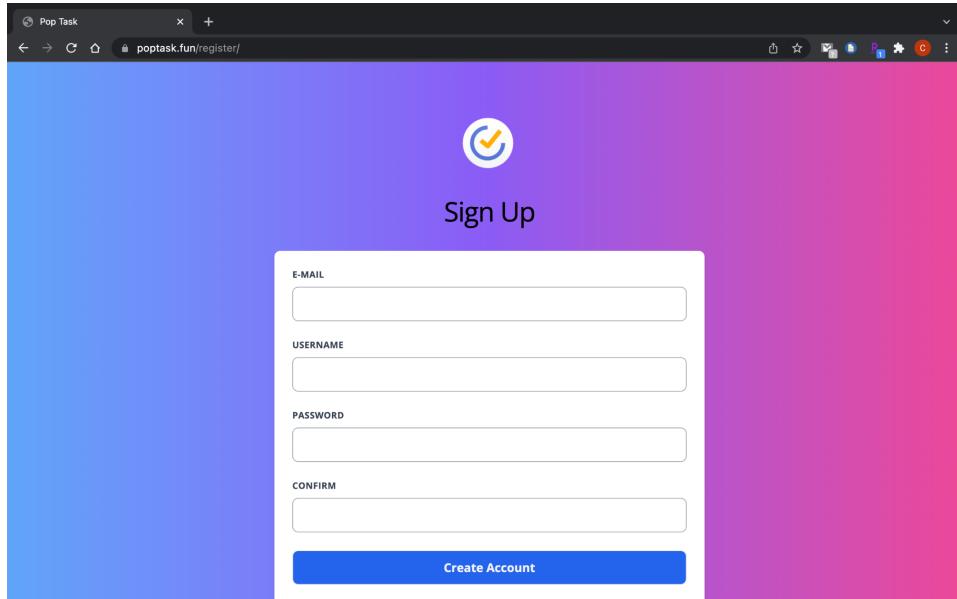
Pop-task is a work assignment and management resource that improves your efficiency and motivations to work no matter in school, in company or even at home.

Pop-task provides groups with workspace. People in the same group can add/modify/delete a task and assign an importance score to it. They can choose the task they want and move it to their own calendars. The calendar has color time bars to visualize the task deadline. When a user finishes a task, scores will be added to the group's leaderboard. And from the leaderboard, users can find their rankings and try to beat others!

➤ Features of Pop-Task (Usage Guide)

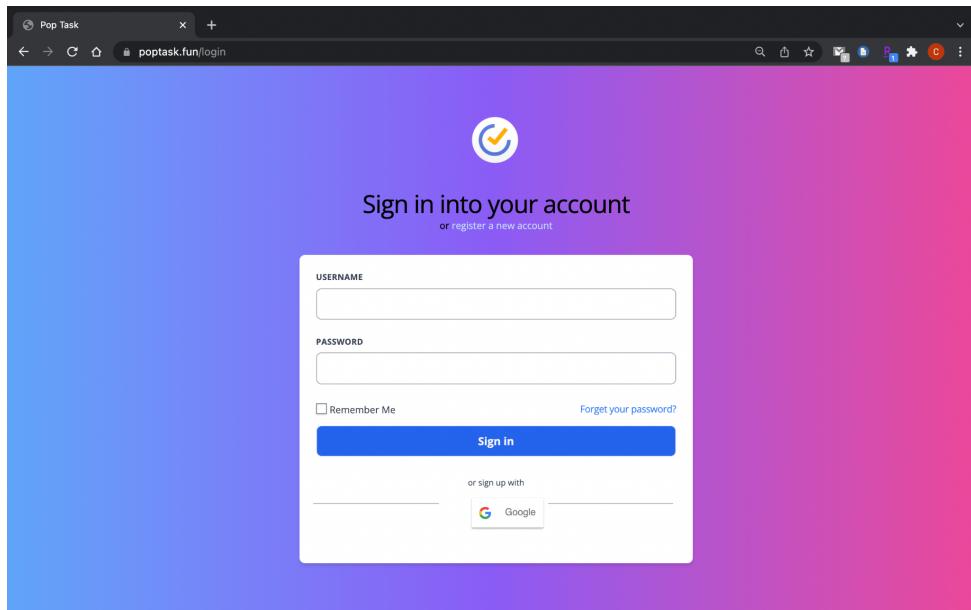
- Register

Users should register with a **unique** email. After users register, they will be logged in directly.

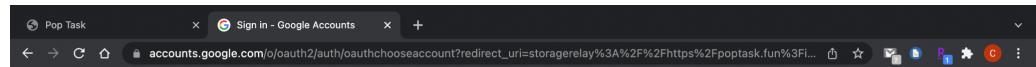


- Log in

You can log in only if the username and password are correct.

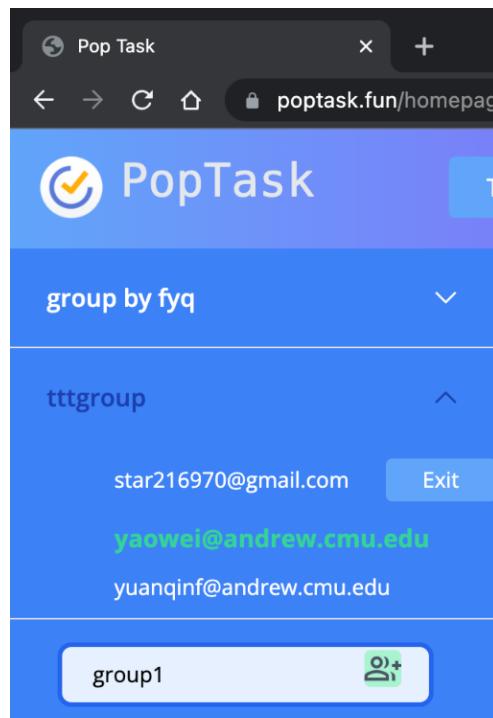


- Log in with Google Account



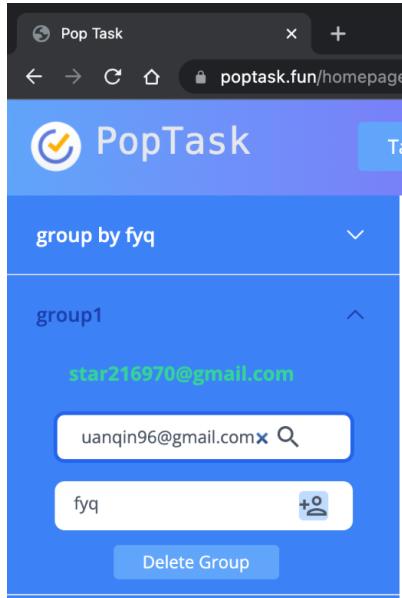
- Create Group

Users should create a group with a **unique** group name.



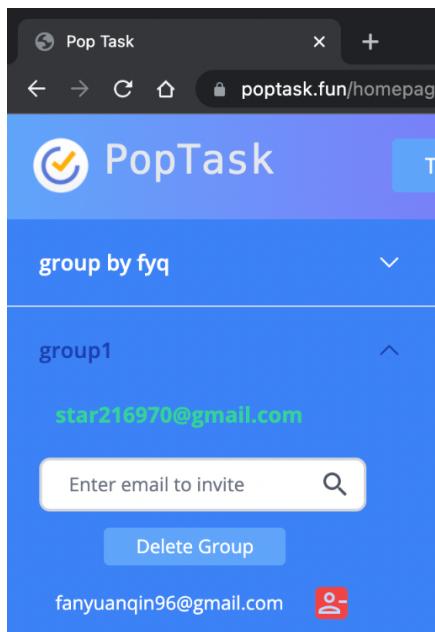
- Add Member by Email

Users can add existing users to their groups by email.



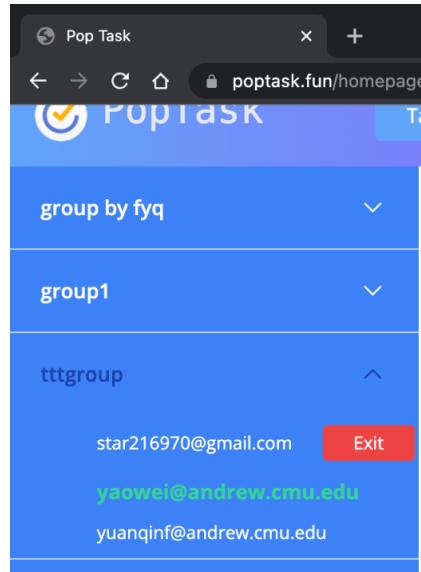
- Delete Member As a Manager

People who create the group have the authority to remove members from the group by clicking the icon beside the member.



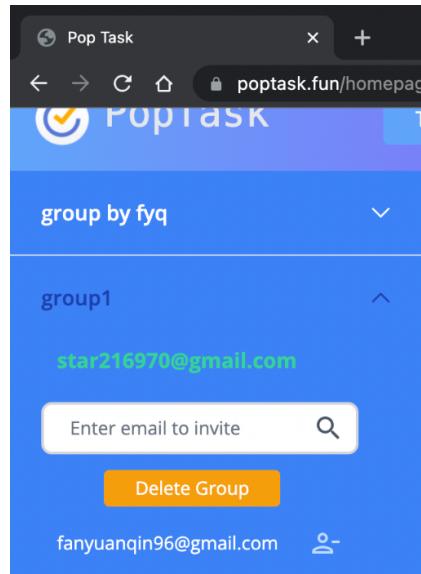
- **Exit From Group**

Members can leave the group by clicking “Exit” beside their emails.



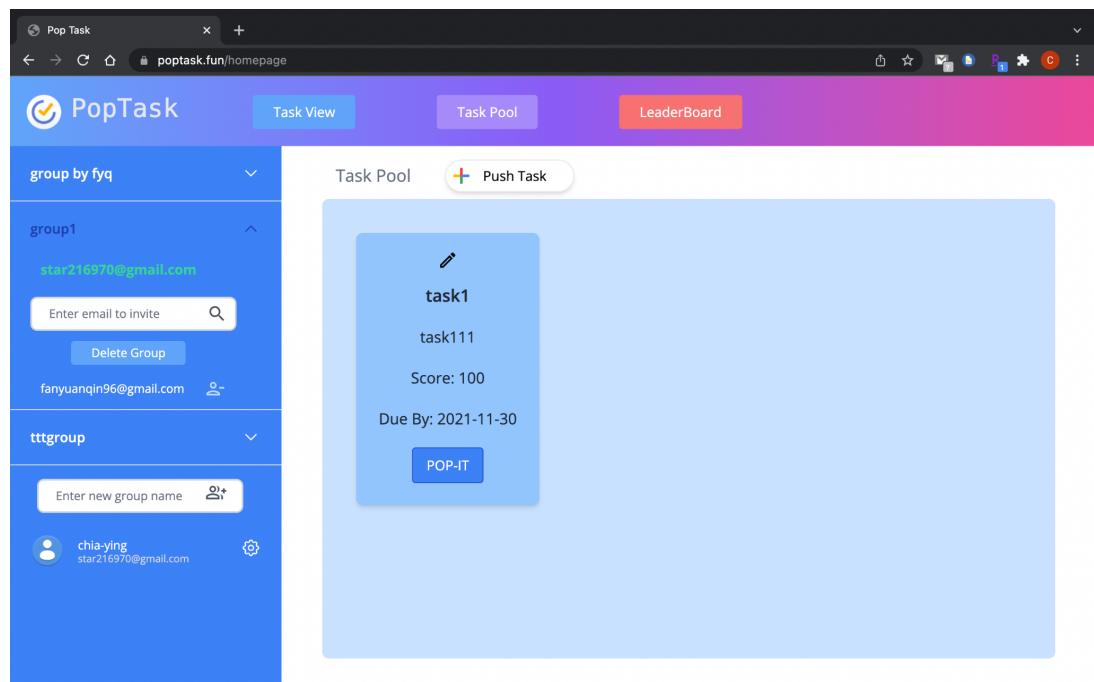
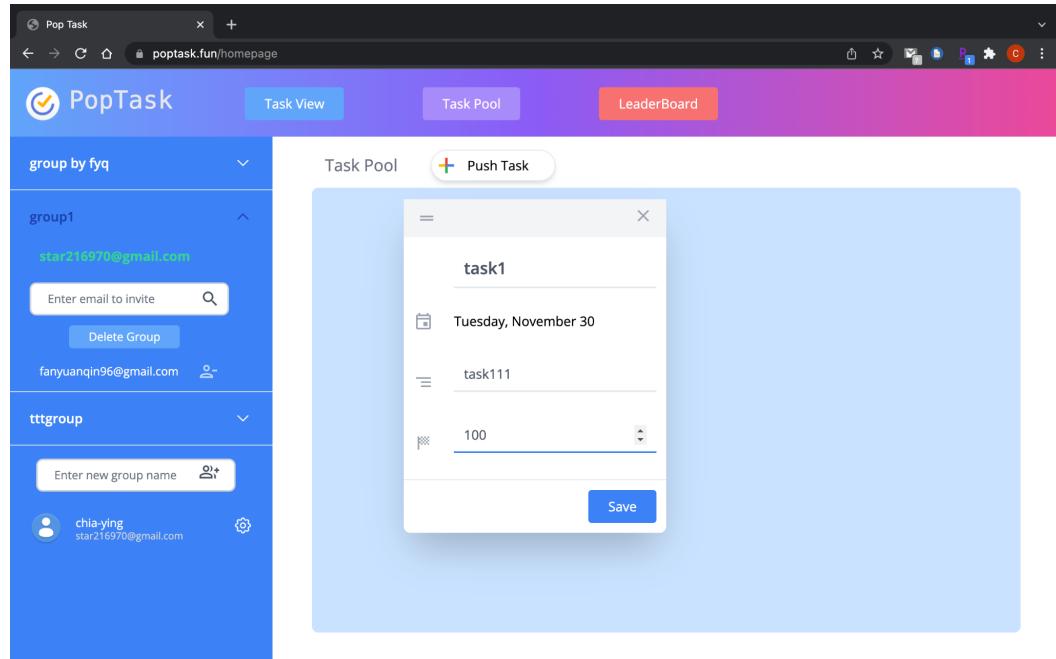
- **Delete Group As a Manager**

People who create the group have the authority to delete the group. Data related to the group such as tasks and scores will also be deleted.



- Add Task to Task Pool of a Group: Name, Time, Description and Score

Members can add a to-do task in the task pool.



- Edit Task

Members can edit a to-do task in the task pool by clicking the pencil icon.

The image consists of two vertically stacked screenshots of the PopTask application interface. Both screenshots show a sidebar on the left and a main 'Task Pool' view on the right.

Screenshot 1 (Top): This screenshot shows a modal window titled 'task1' being edited. The modal contains the following fields:

- Date: Tuesday, November 30
- Description: task222
- Score: 10

A blue pencil icon is visible on the left side of the modal, indicating it is editable. A 'Save' button is located at the bottom right of the modal.

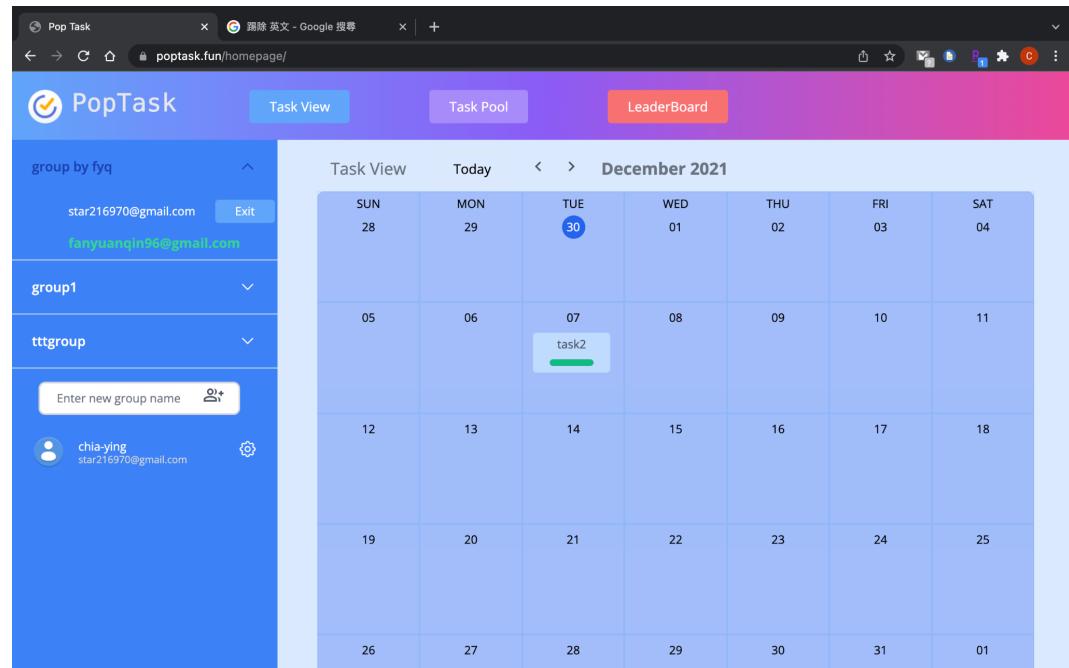
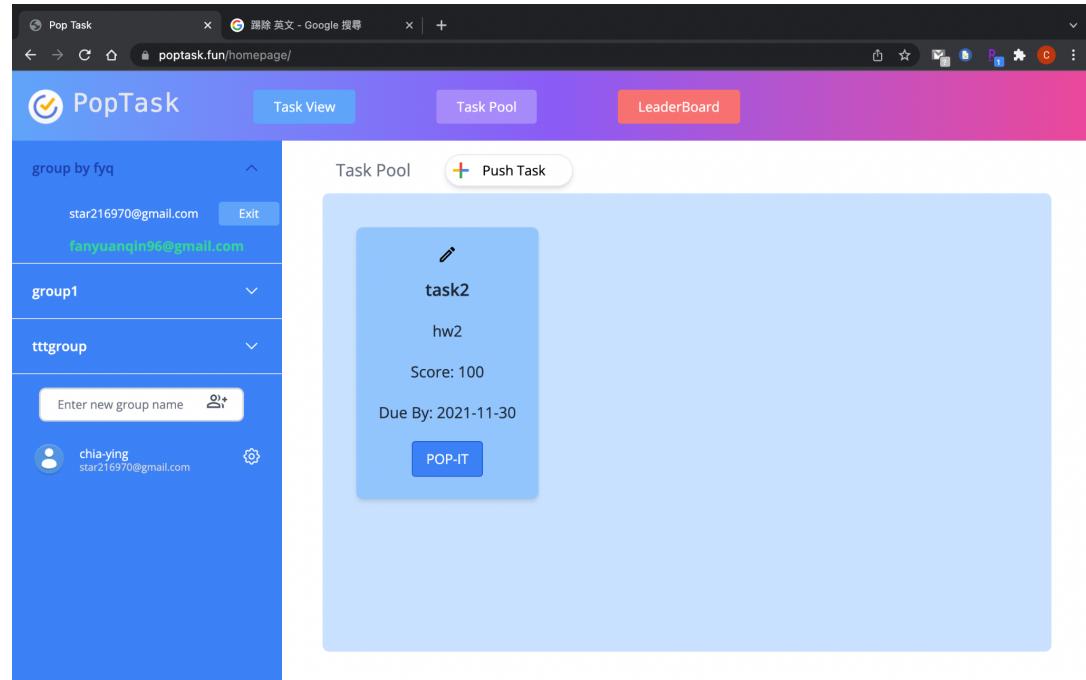
Screenshot 2 (Bottom): This screenshot shows the same task 'task1' after it has been edited. The updated information is:

- Description: task111
- Score: 100
- Due By: 2021-11-30

A blue 'POP-IT' button is located at the bottom right of the task card.

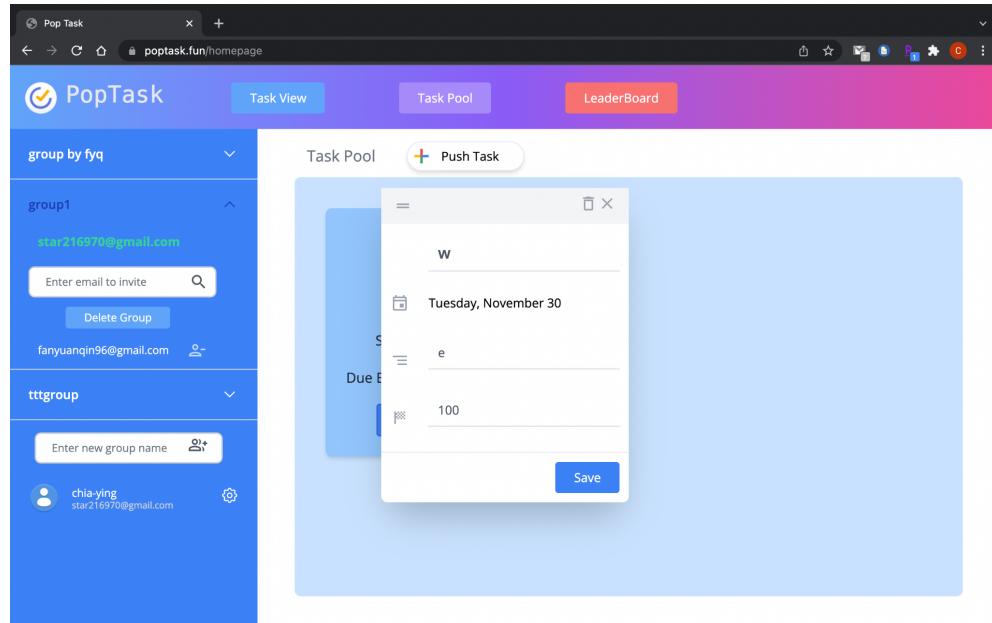
- Move Task to Task Calendar View

Members can select their desired tasks and move them to their personal calendar by clicking “POP-IT”. The task will have different colors of bars corresponding to remaining time.



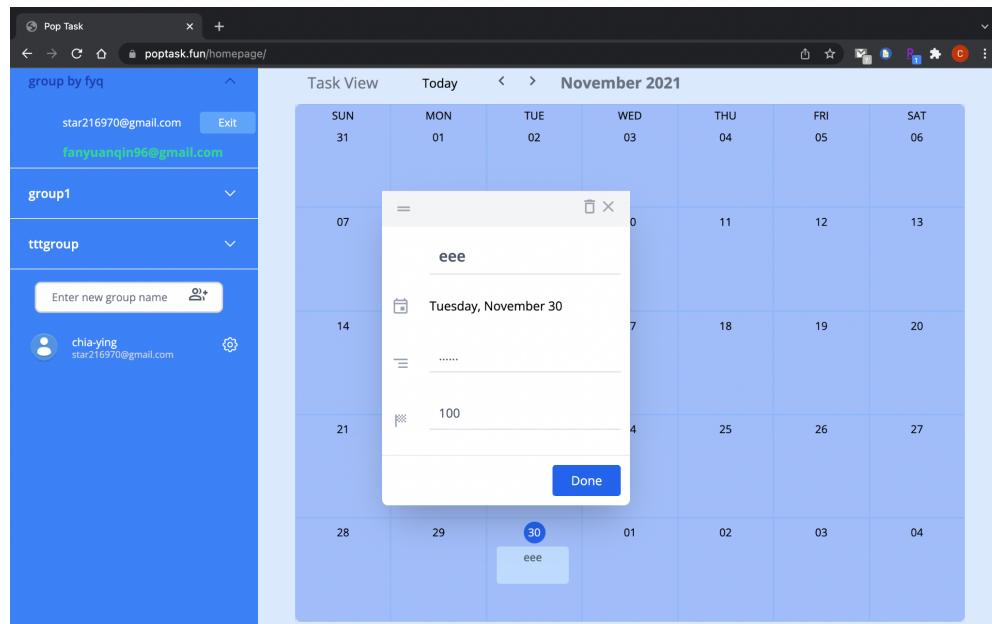
● Delete Task

Members can edit a to-do task in the task pool by clicking the trash can icon at the top-right corner.



● Done Task

Members can declare that they finish the task by clicking “Done” and get according scores.



- LeaderBoard, Task Pool, Task View of All Current Groups
Users can see different groups' leaderboards by clicking the group name. Task view and tank pool will also change.

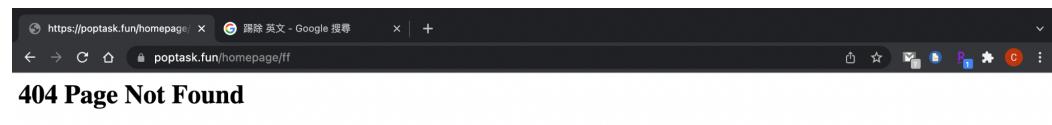
NAME	SCORE	ROLE	RANK
yaowei@andrew.cmu.edu	10101	Owner	No.1
yuanqinf@andrew.cmu.edu	200	Member	No.2
star216970@gmail.com	100	Member	No.3

- Log out
Users can log out by clicking the gear beside username

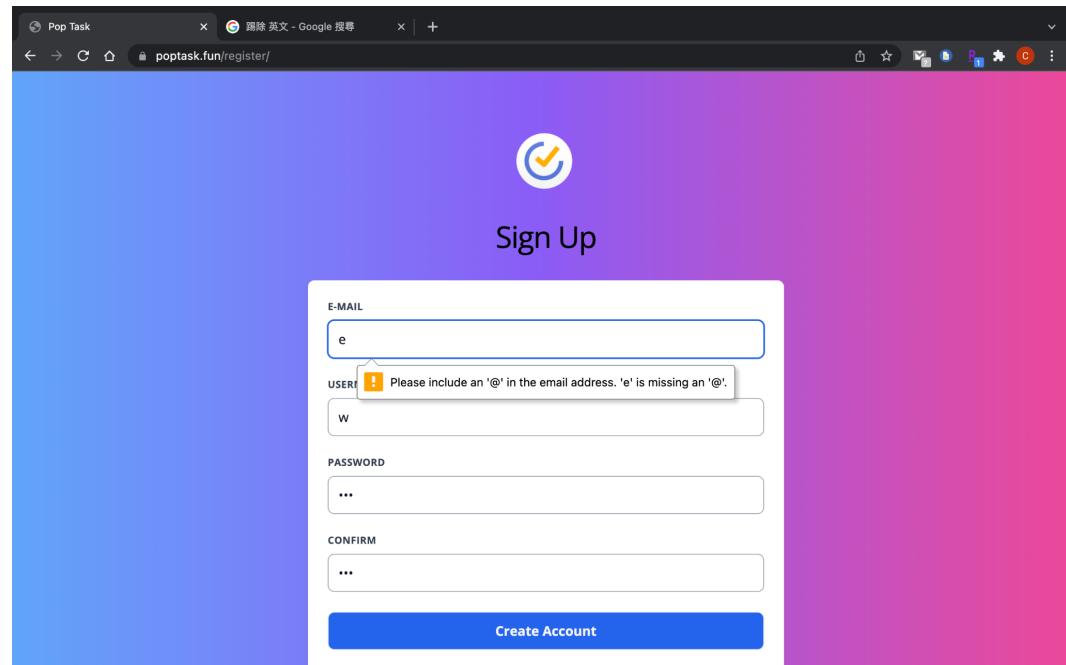
NAME	SCORE	ROLE	RANK
yaowei@andrew.cmu.edu	10101	Owner	No.1
yuanqinf@andrew.cmu.edu	200	Member	No.2
star216970@gmail.com	100	Member	No.3

- Incorrect Url Handler

If users reach an invalid uri, they can go back to the homepage.



- Incorrect Format Handler



➤ Under the hood

We spent much much effort on integrating Django and React... and the following are technologies we utilized for this project.

Backend:

- Djando
- Rest Framework
- AWS RDS
- AllAuth
- Rest Auth
- Swagger
- Apache
- HTTPS
- 404 Handler

Frontend:

- React
- Jquery
- Bootstrap
- Tailwind CSS
- Input format reminder